

# Wireless local area network

## TEAM MEMBERS

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# introduction

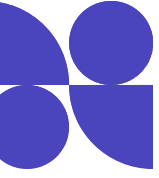
A wireless LAN (WLAN) is a wireless computer network that links two or more devices using wireless communication to form a local area network (LAN) within a limited area such as a home, school, computer laboratory, campus, or office building

# Advantages

- Flexibility
- Simplified Planning
- No wiring difficulties
- Robust
- cost effective

# Disadvantages

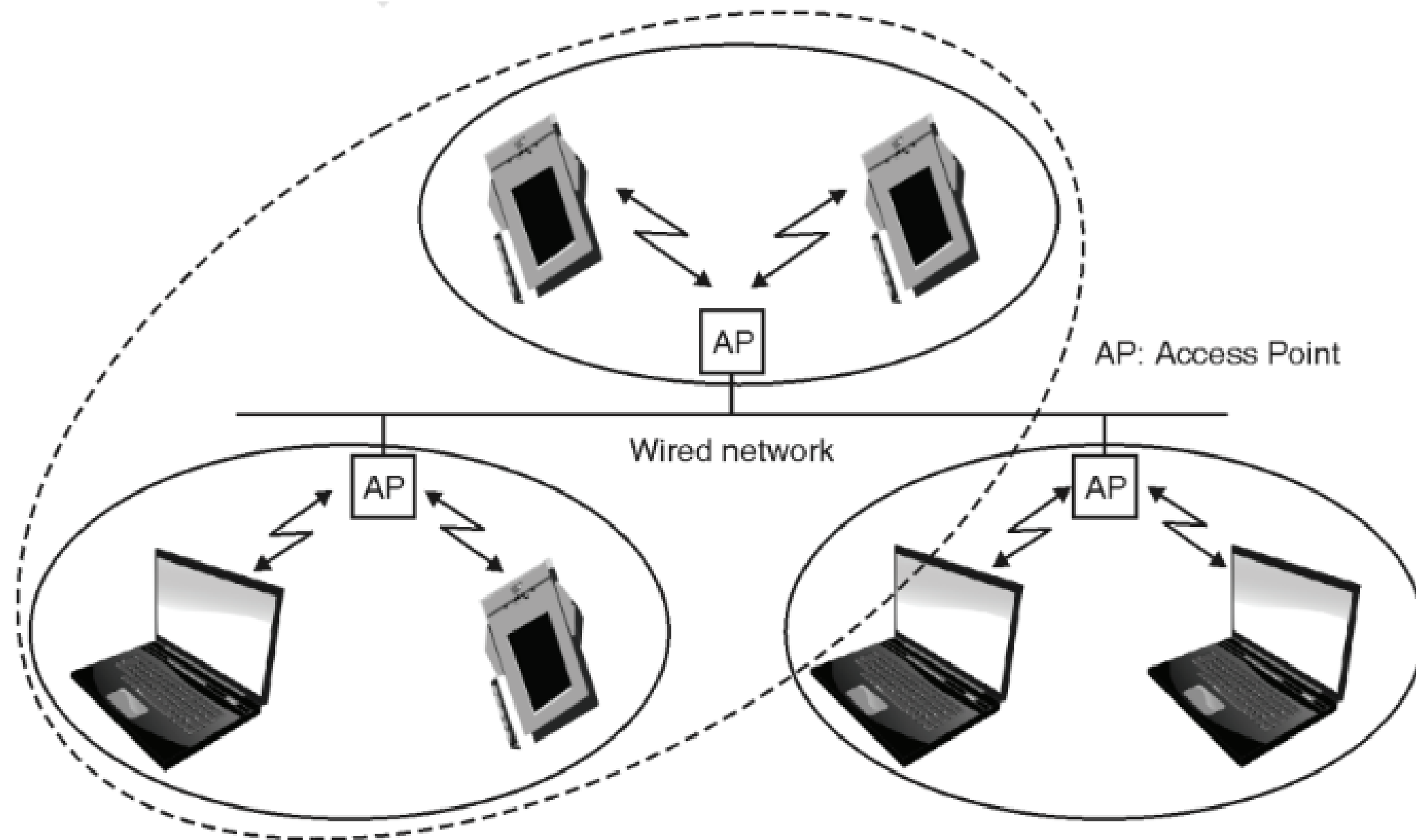
- Lower Bandwidth and transmission
- Data transfer rate decrease
- local regulatory restrictions
- lower safety and security



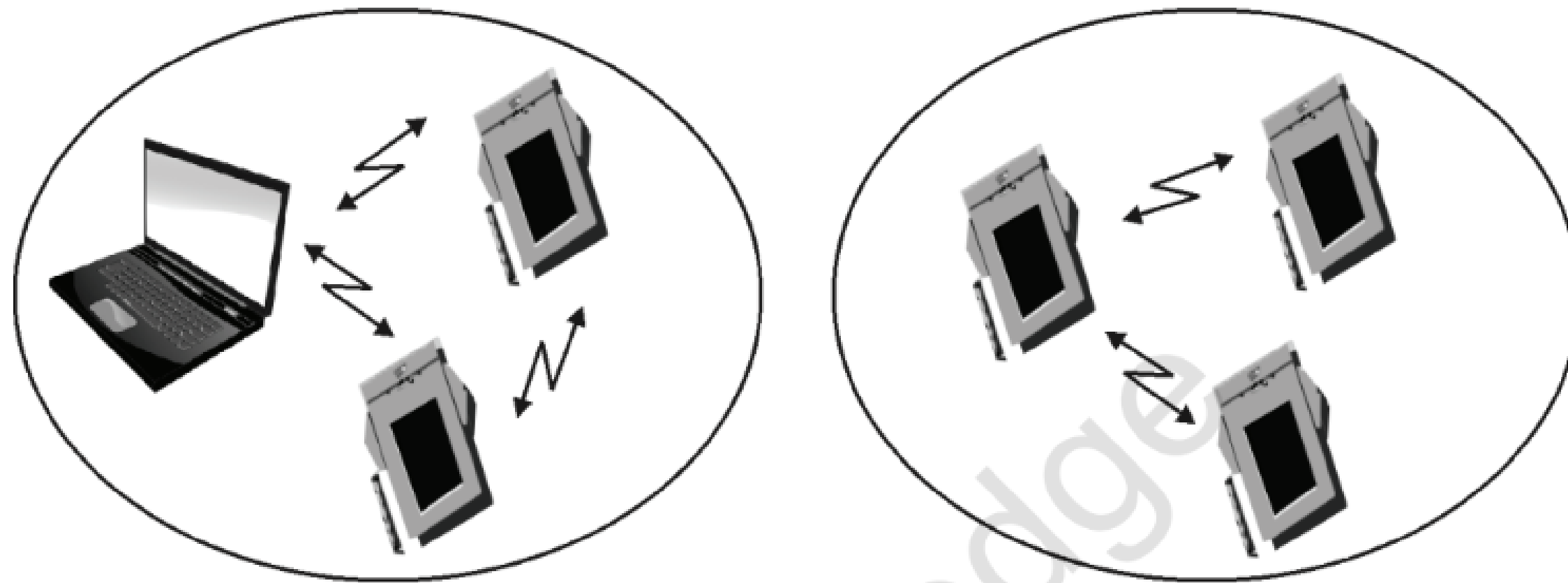
# WIRELESS LAN TYPES

- INFRASTRUCTURE BASED WIRELESS NETWORK
- AD-HOC WIRELESS NETWORK

# INFRASTRUCTURE BASED WIRELESS NETWORK



# AD-HOC WIRELESS NETWORK



**THANK YOU**